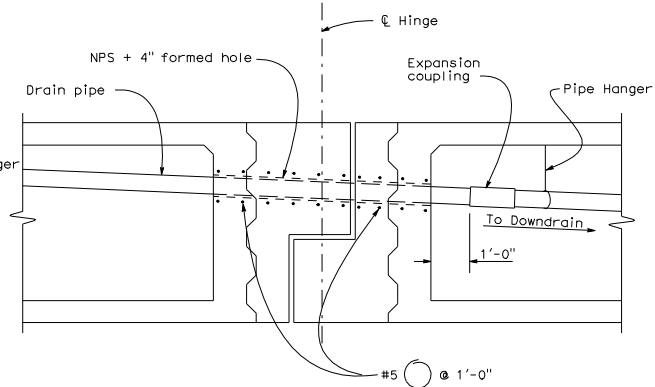


ABUTMENT

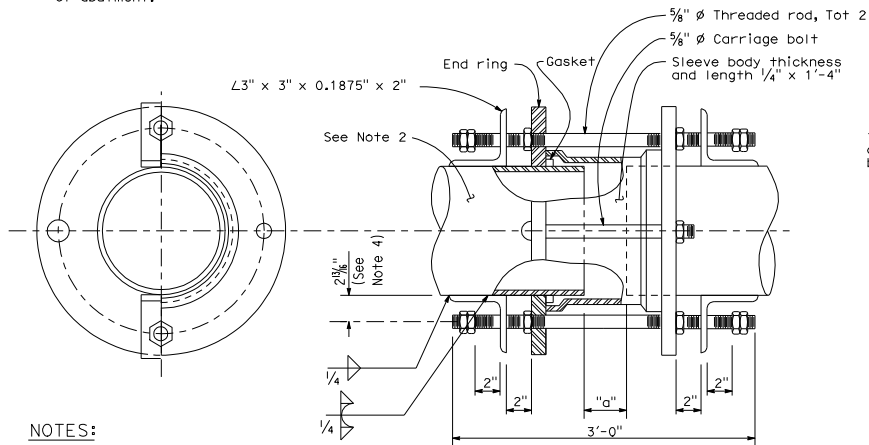


HINGE

DECK DRAIN PIPE DETAIL

NOTES:

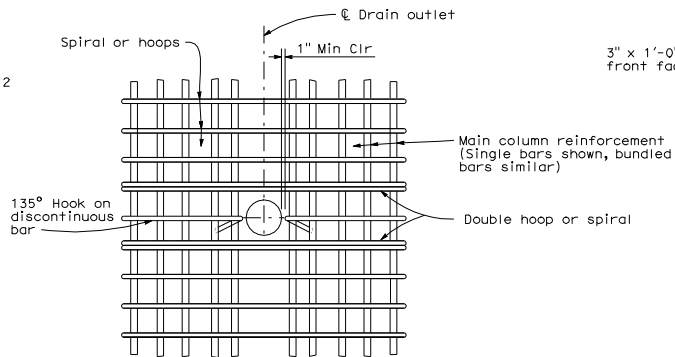
1. Pipe casing OD = NPS + 4" (1/4" Min wall thickness)
2. Unless otherwise shown on Project Plans, casing shall extend to the greater of 5'-0" beyond the end of approach slab or 20'-0" beyond the back of abutment.



NOTES:

1. All hardware to be galvanized.
2. For "a" dimension and pipe diameter, see Project Plans.
3. Expansion coupling with 4 bolts shown. Coupling with a greater number of bolts allowed.
4. Adjust dimension to suit coupler end ring bolt circle.

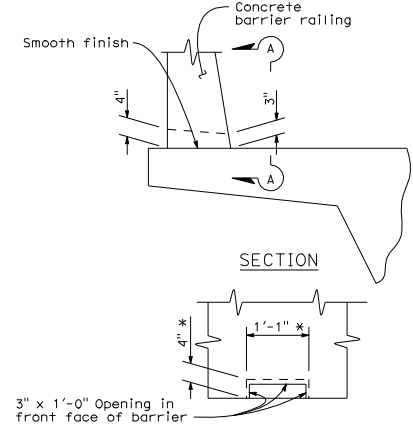
EXPANSION COUPLING



NOTE:

Adjust spacing of main column reinforcement to clear drain outlet.

COLUMN REINFORCEMENT AT DRAIN OUTLET



ELEVATION A-A

SCUPPER DETAIL

* At exterior face of barrier

DIST	COUNTY	ROUTE	POST MILES	SHEET TOTAL
			TOTAL PROJECT	NO. SHEETS
<p>REGISTERED CIVIL ENGINEER</p> <p>May 1, 2006</p> <p>PLANS APPROVAL DATE</p> <p>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</p> <p>To get to the Caltrans web site, go to http://www.dot.ca.gov</p>				
<p>C.J. Sims</p> <p>No. C46471</p> <p>Exp. 6-30-07</p> <p>CIVIL</p> <p>STATE OF CALIFORNIA</p>				

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DECK DRAINAGE DETAILS

NO SCALE

B7-8